



1/15

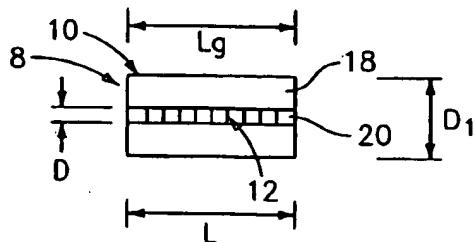


FIG. 1

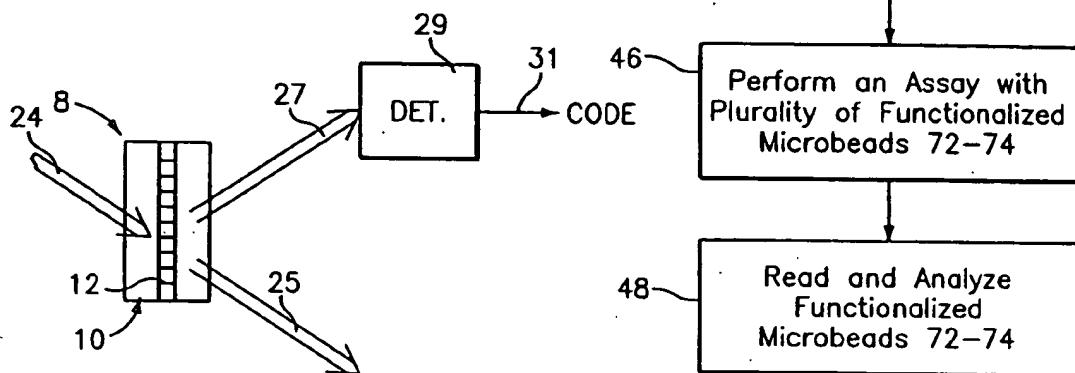


FIG. 2

FIG. 3

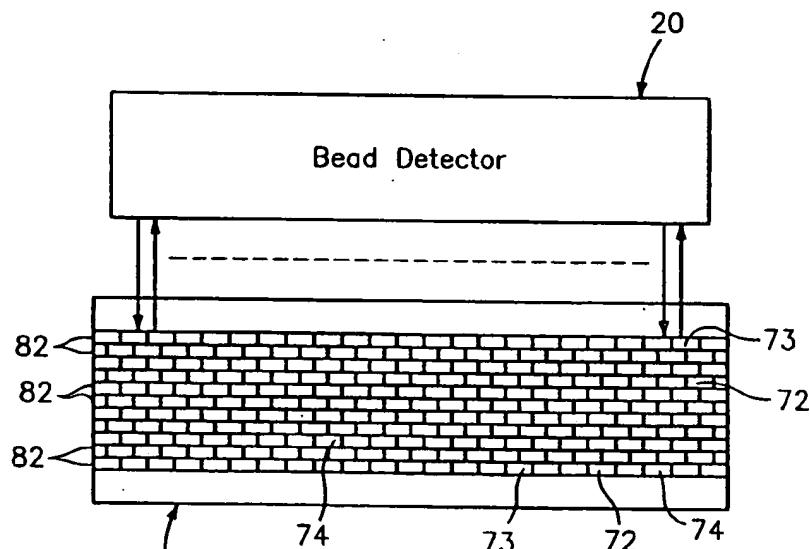


FIG. 7

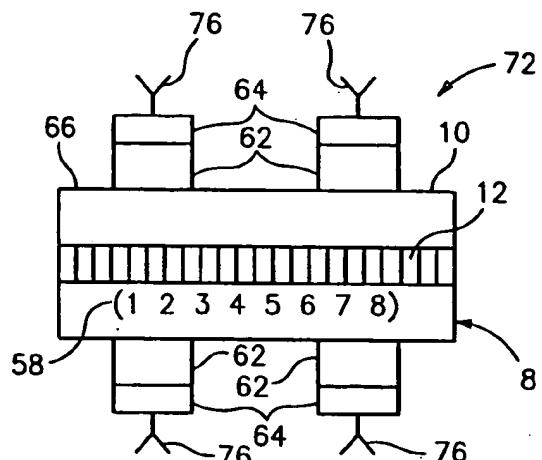


FIG. 4

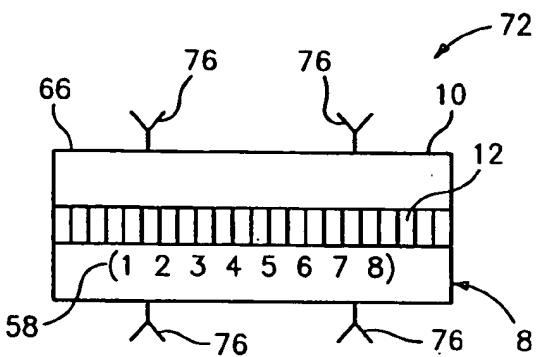


FIG. 5

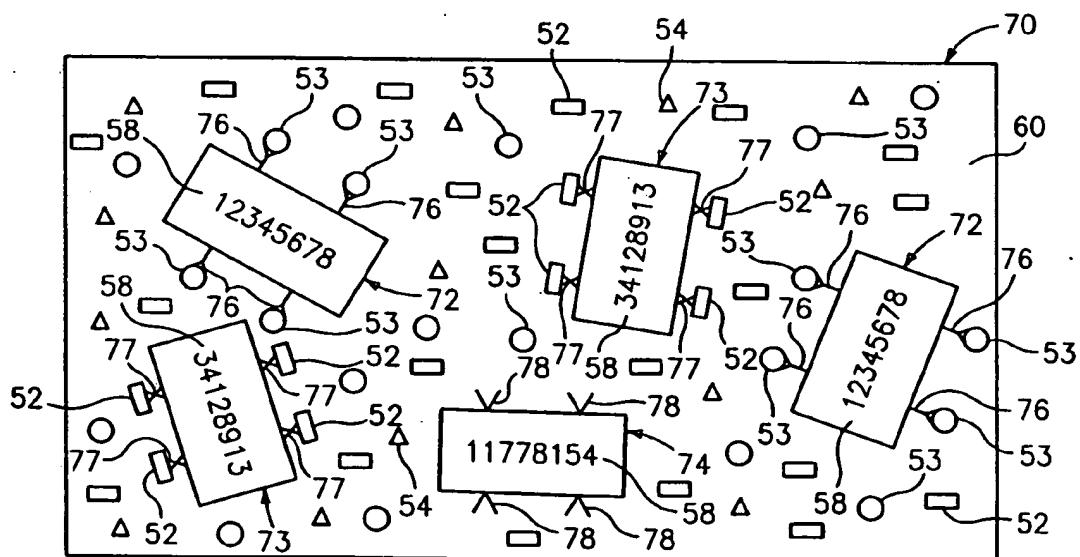


FIG. 6

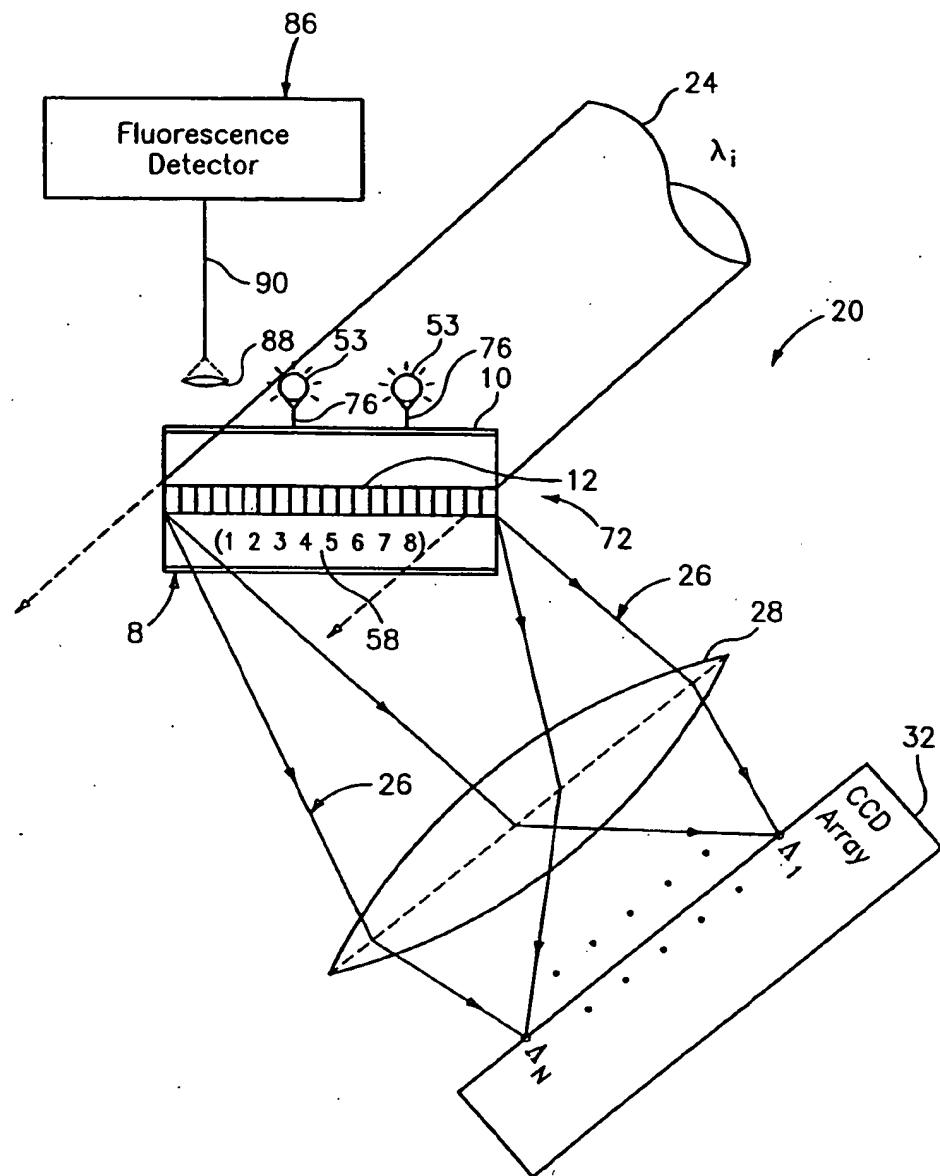


FIG. 8

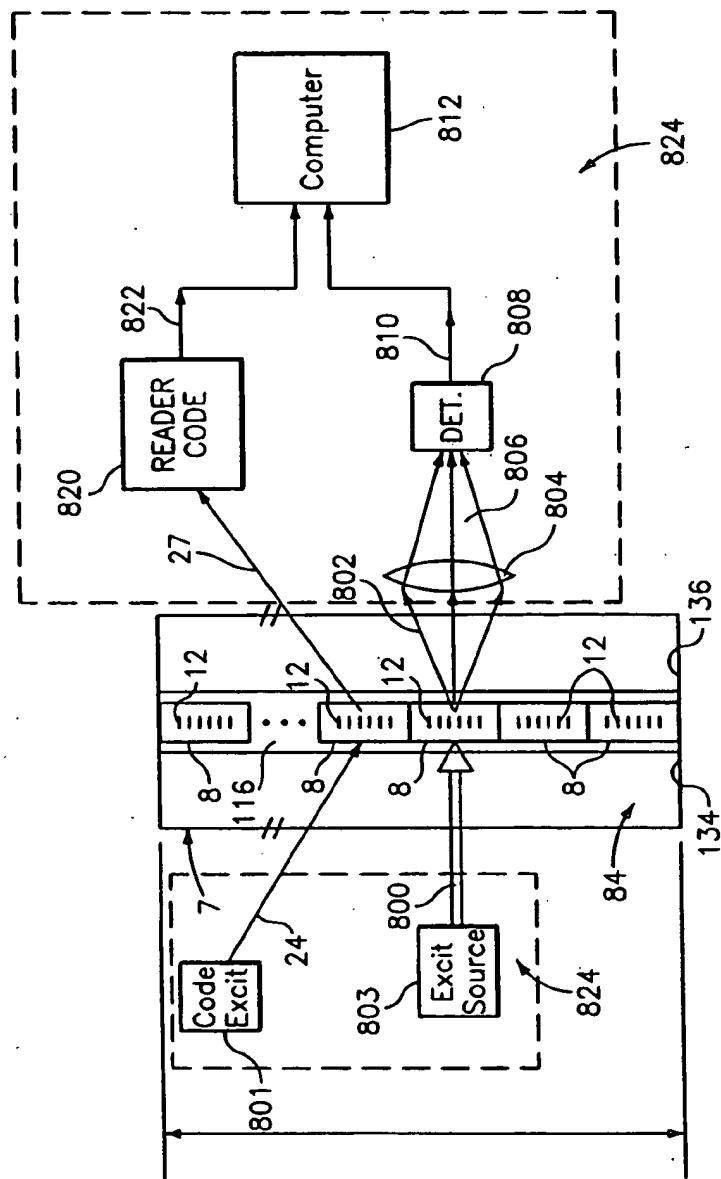


FIG. 9

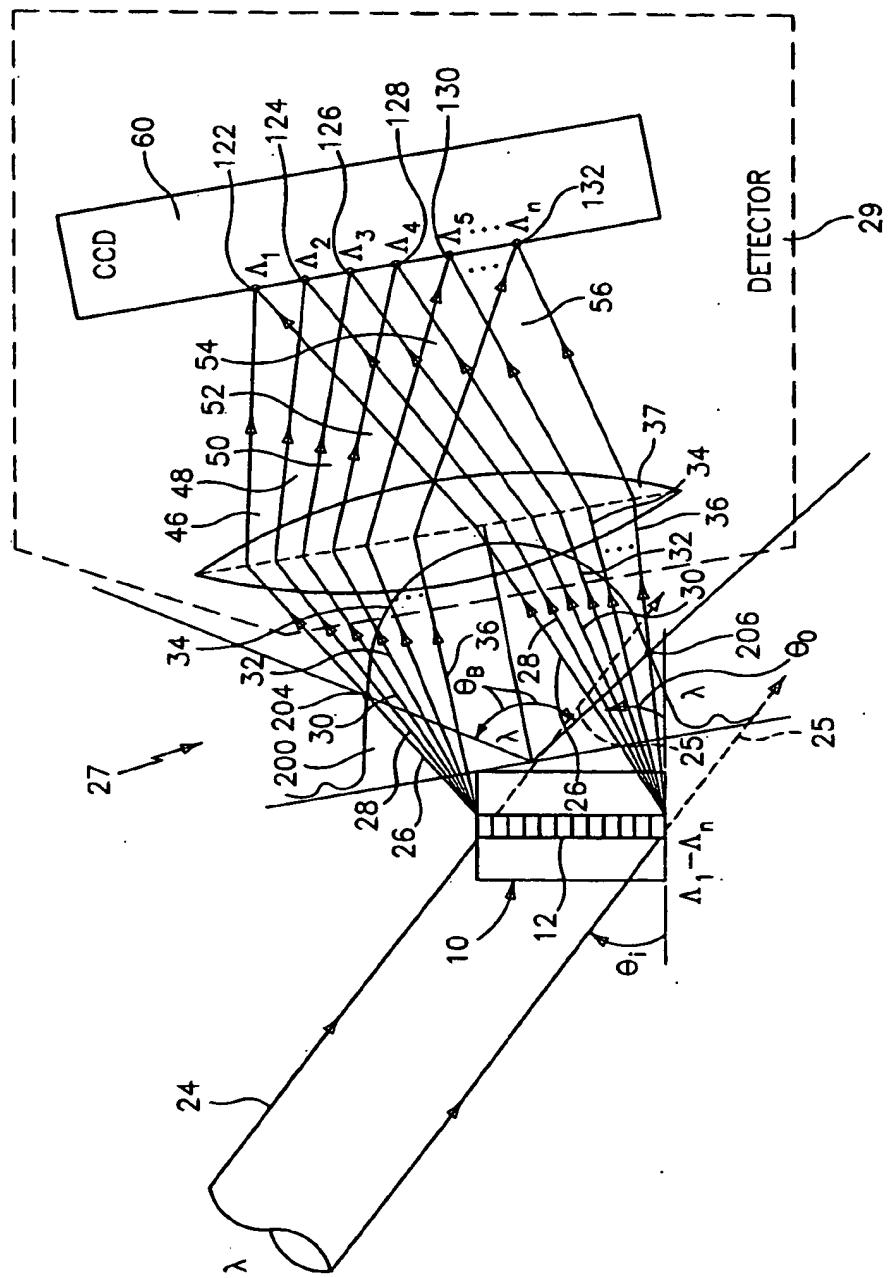
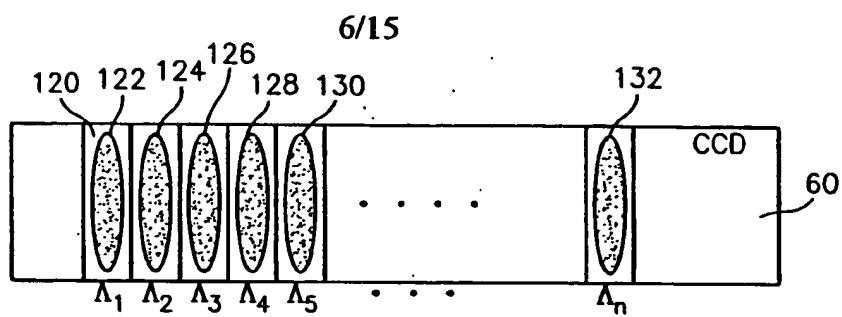
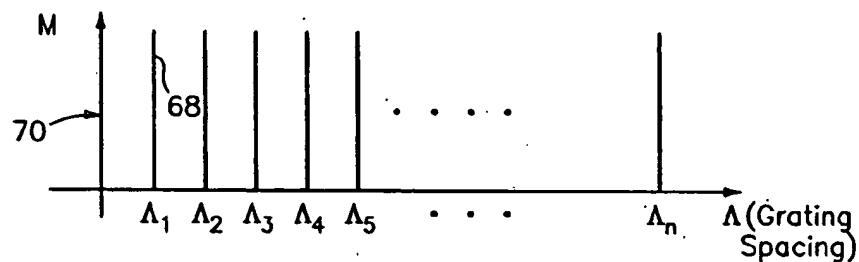


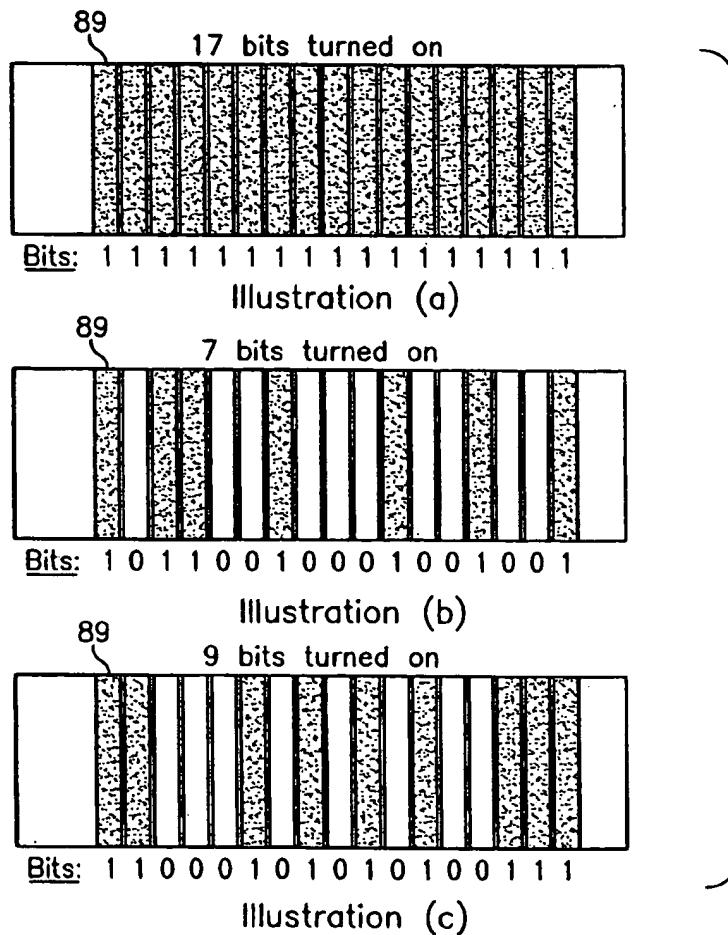
FIG. 10



*FIG. 11*



*FIG. 12*



*FIG. 13*

7/15

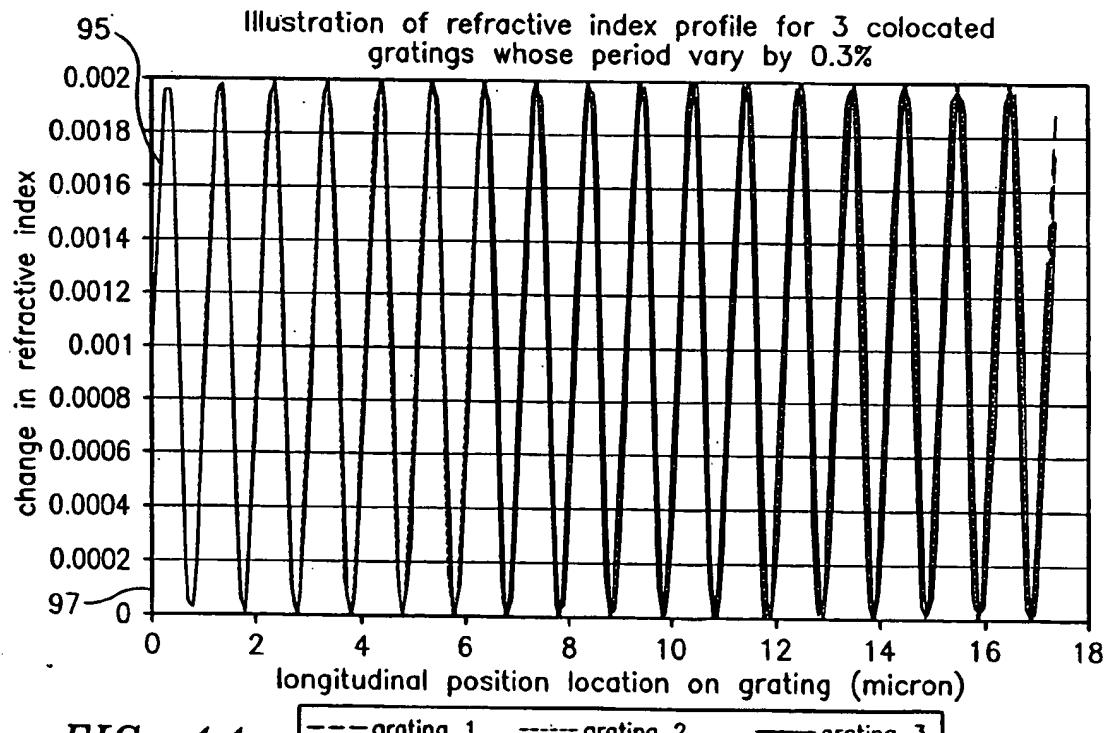
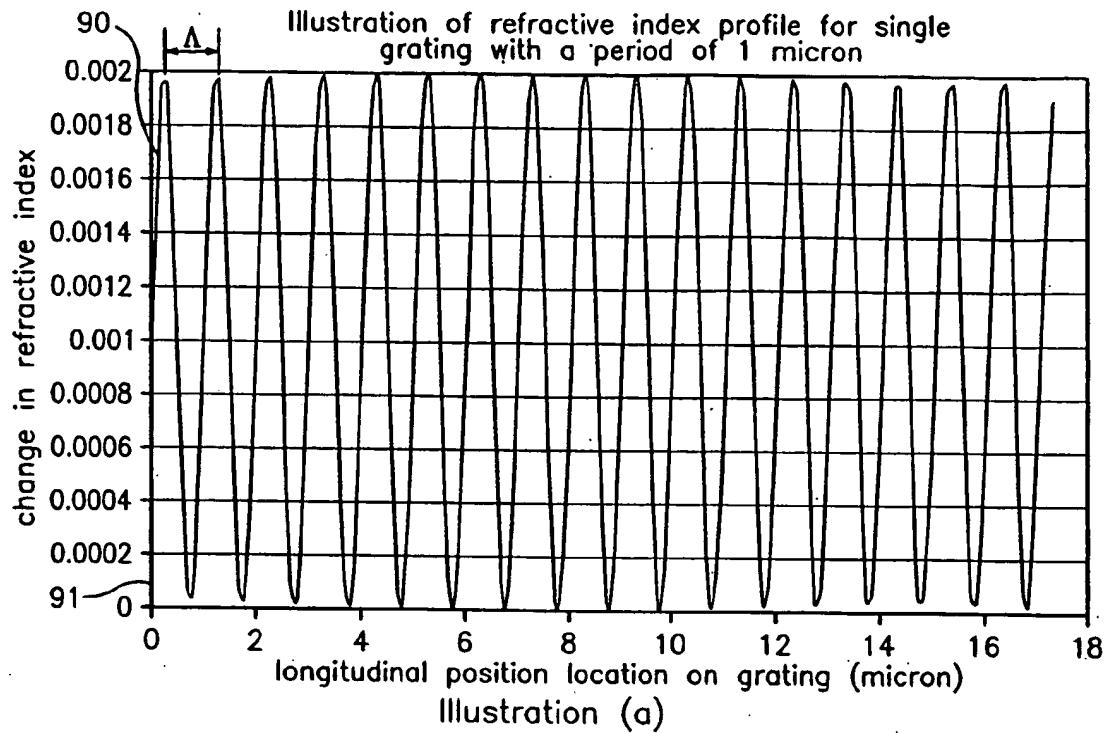


FIG. 14

Illustration (c)

8/15

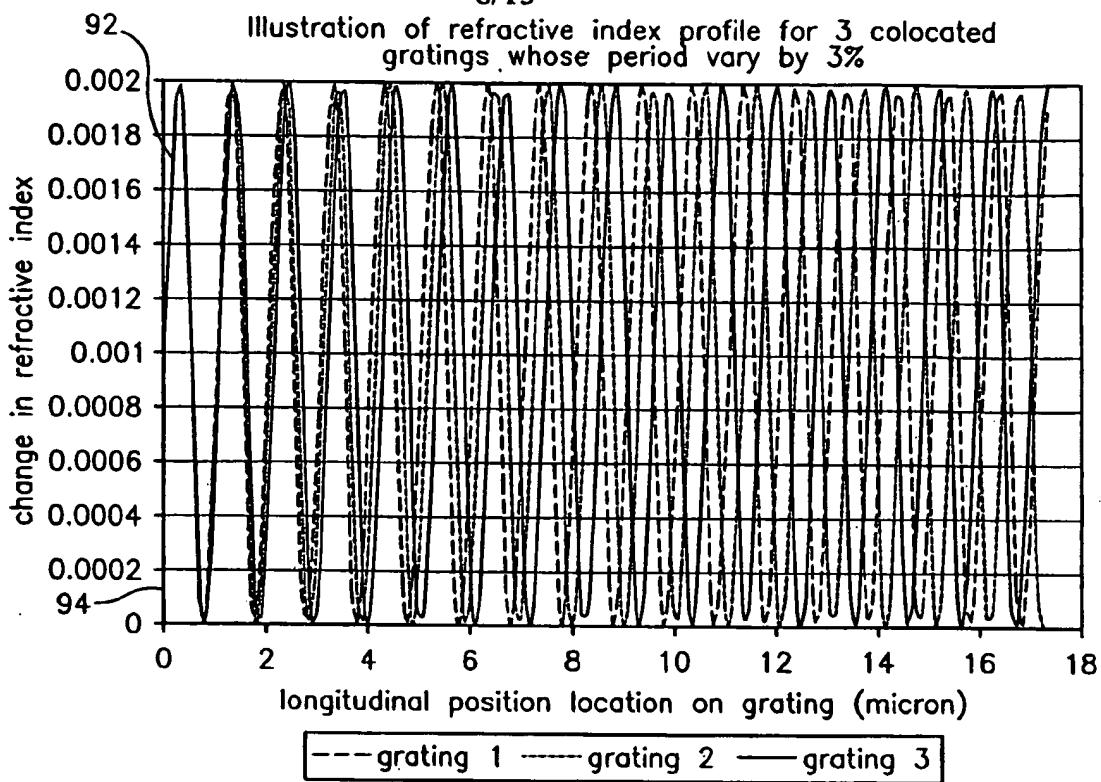


Illustration (b)

Index modulation caused by superposition of 3 gratings where the pitch between each grating varies by 3%.

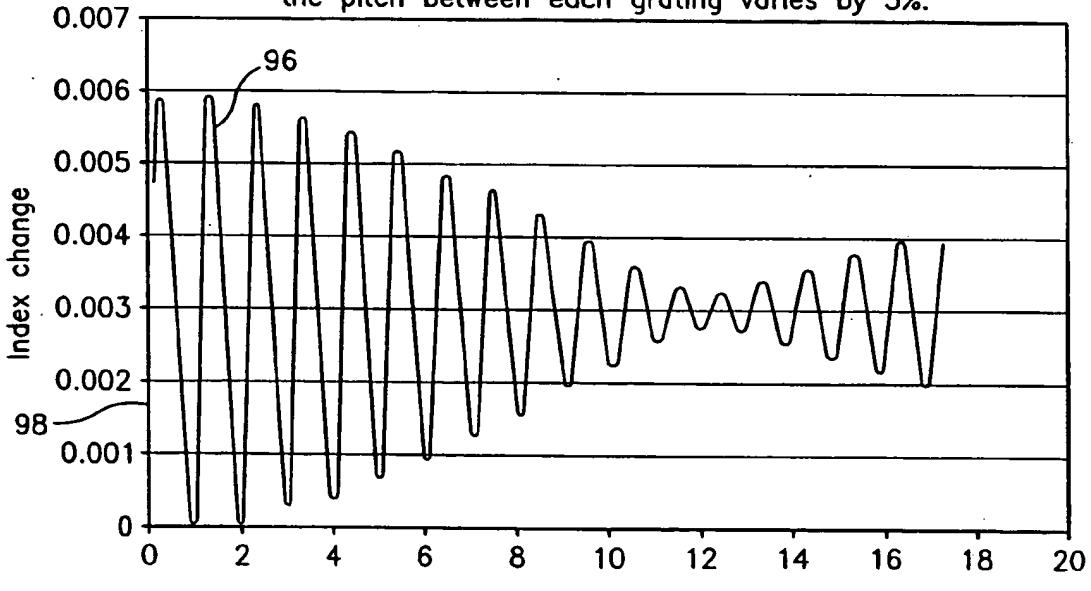


FIG. 14

Illustration (d)

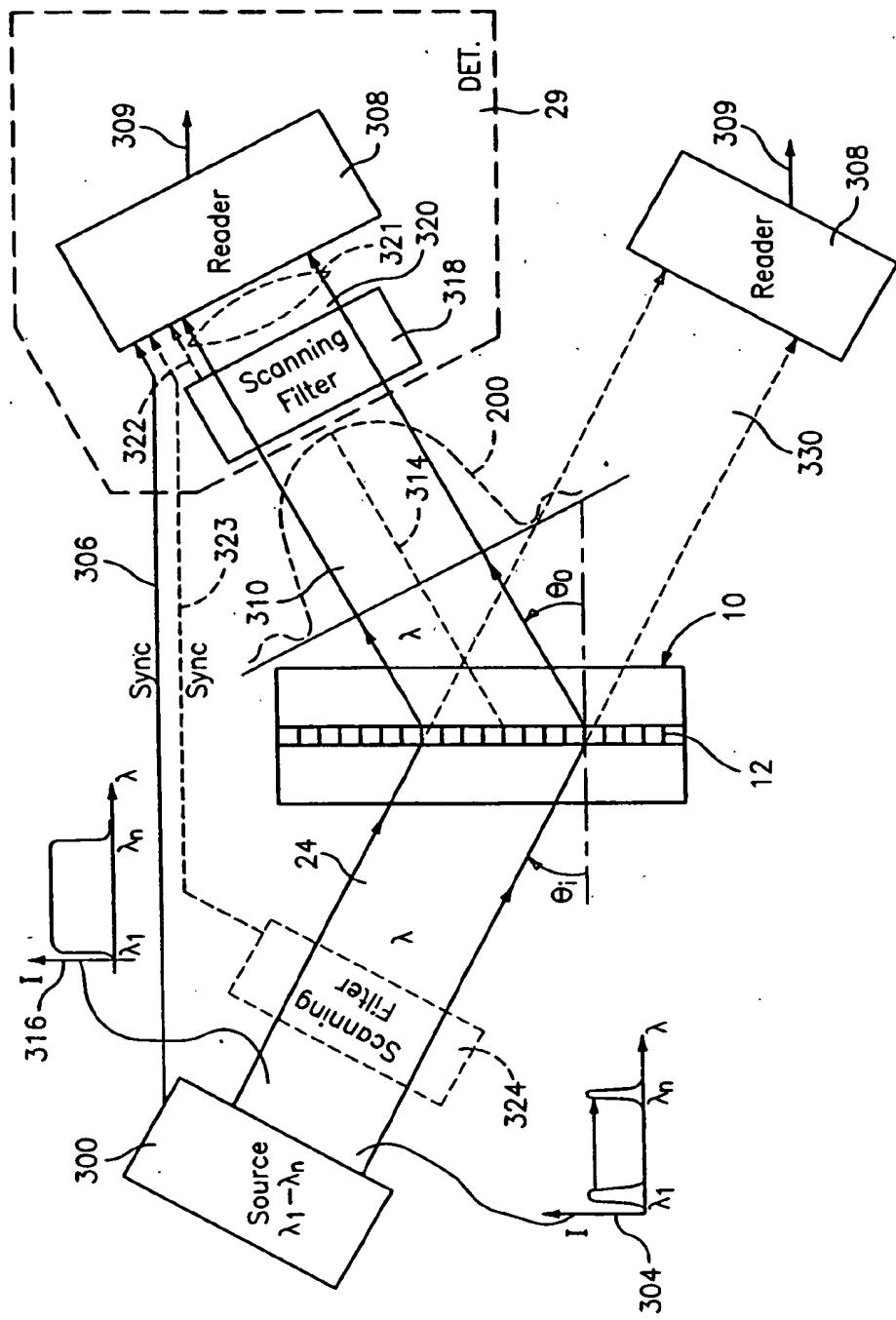
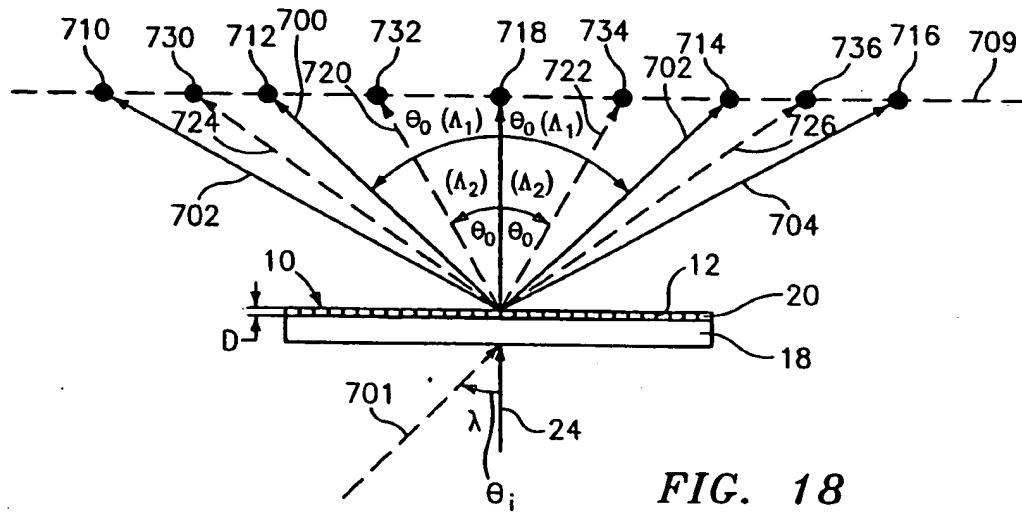
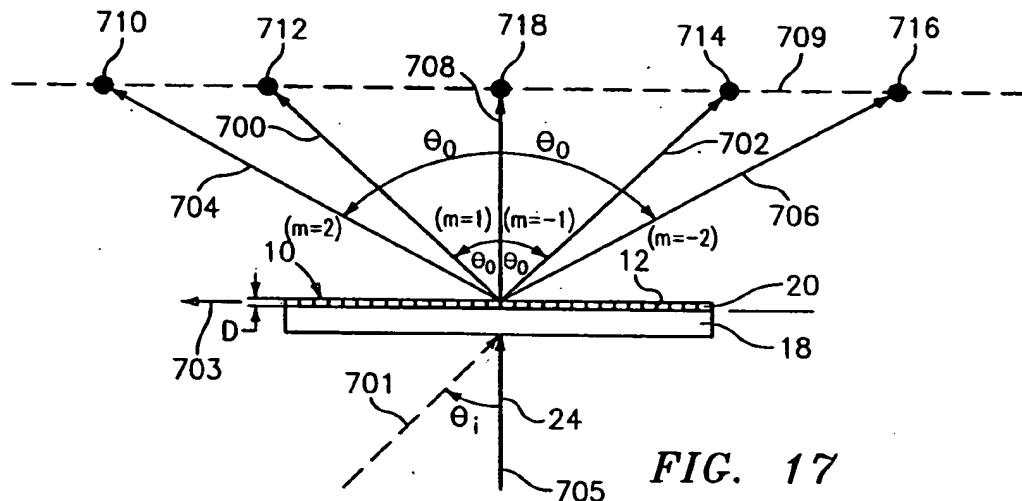
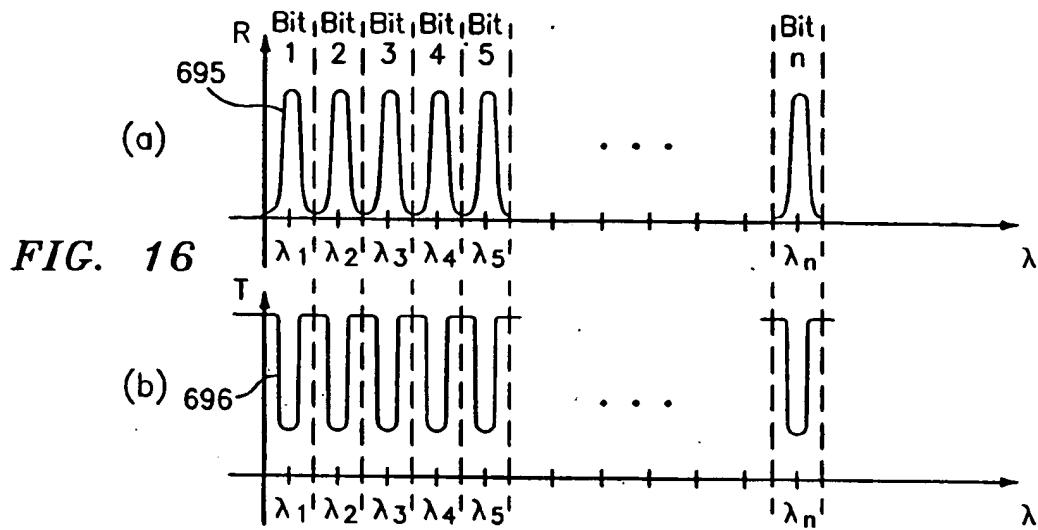
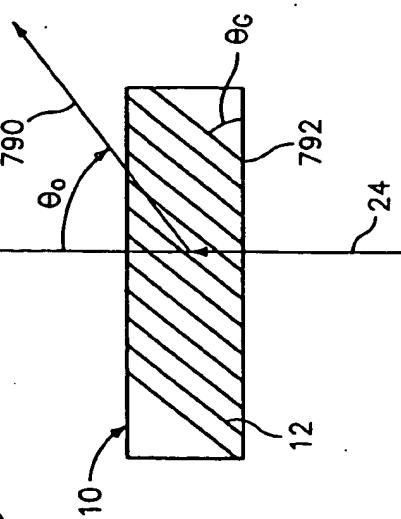
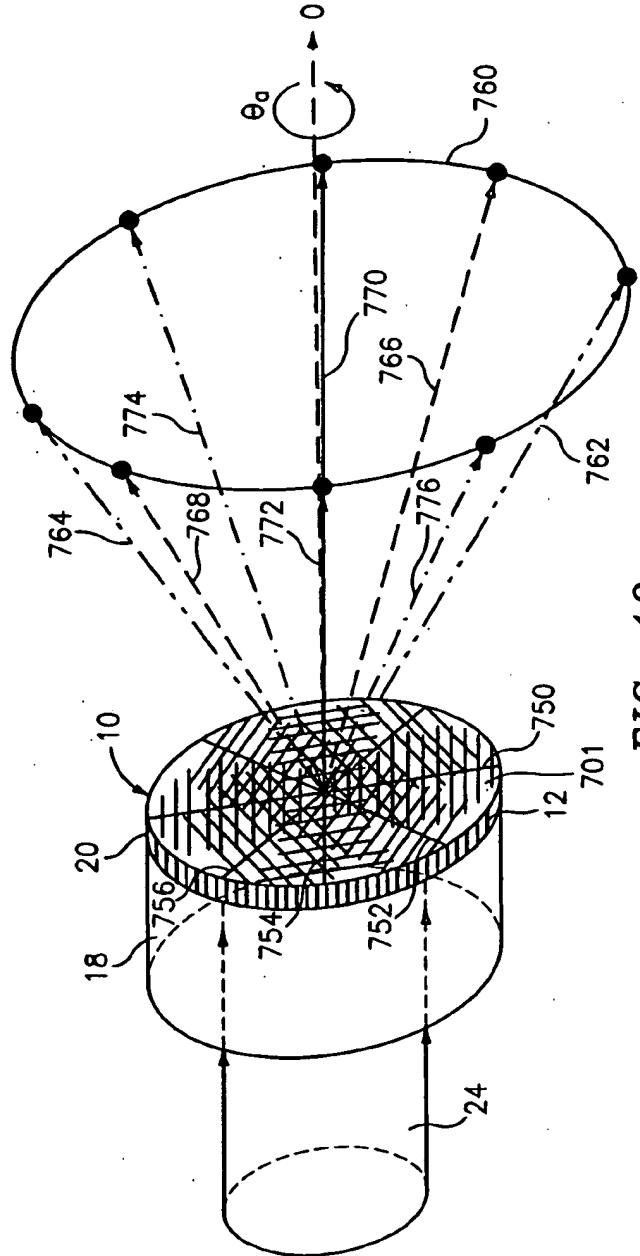


FIG. 15

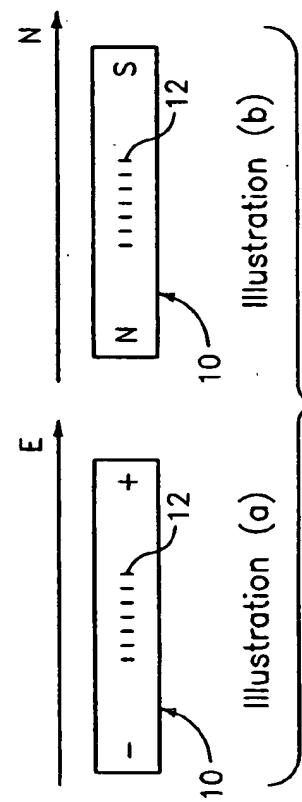
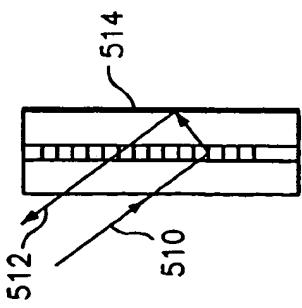
10/15





11/15

FIG. 36



11/15

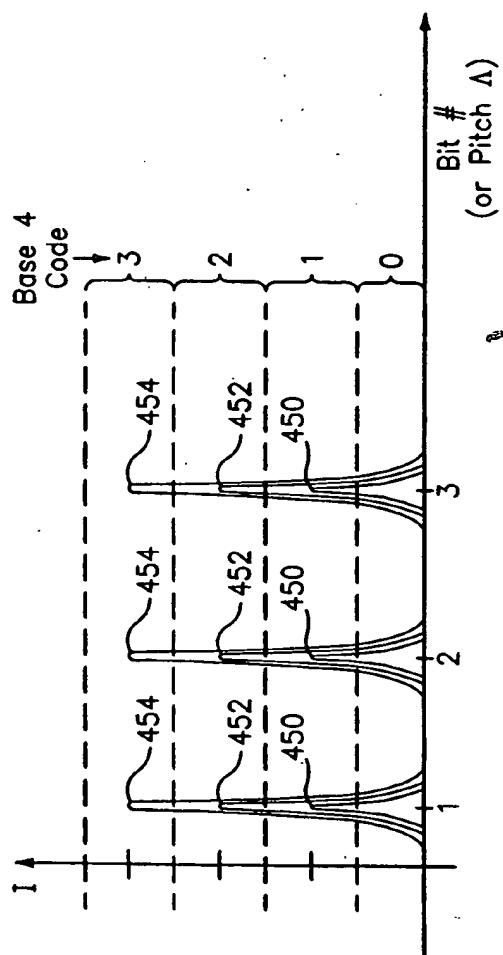


FIG. 21

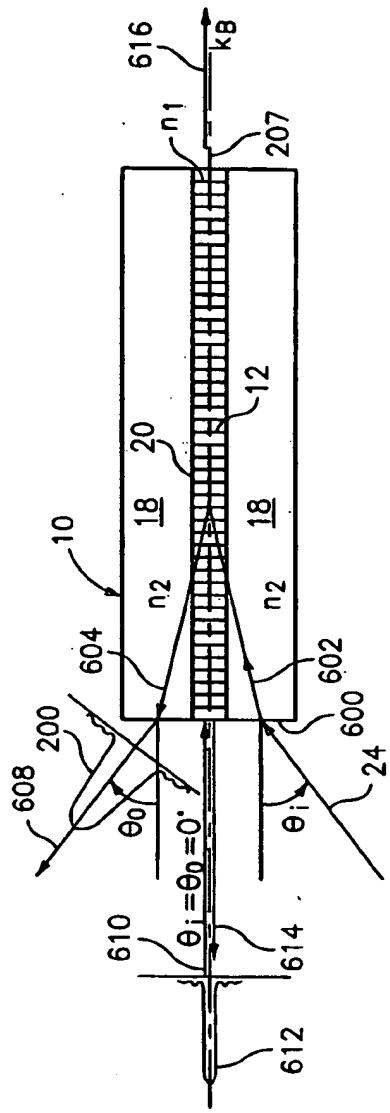


FIG. 22

13/15

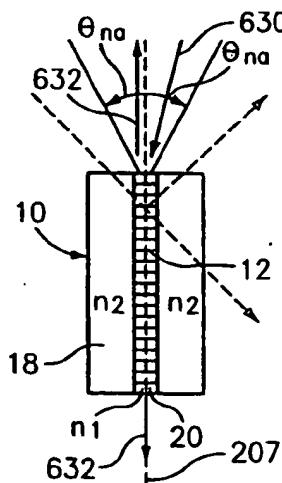


FIG. 23

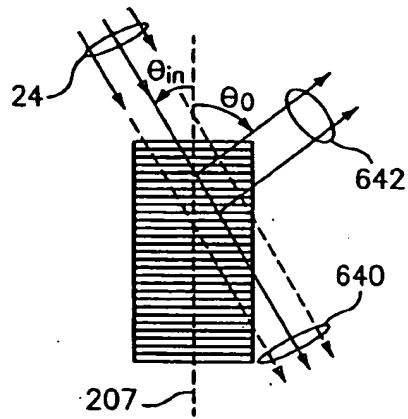
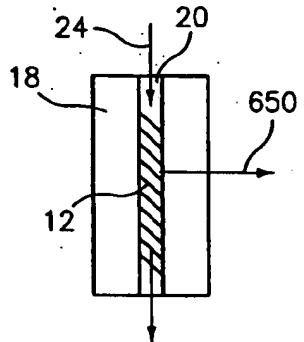
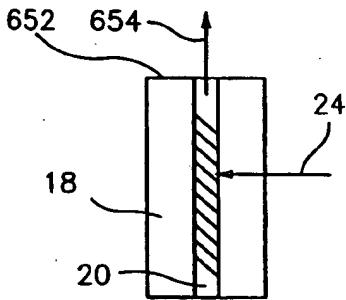


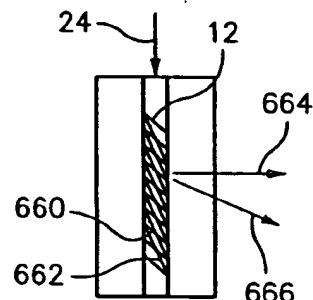
FIG. 24



Illustration(a)



Illustration(b)



Illustration(c)

FIG. 25

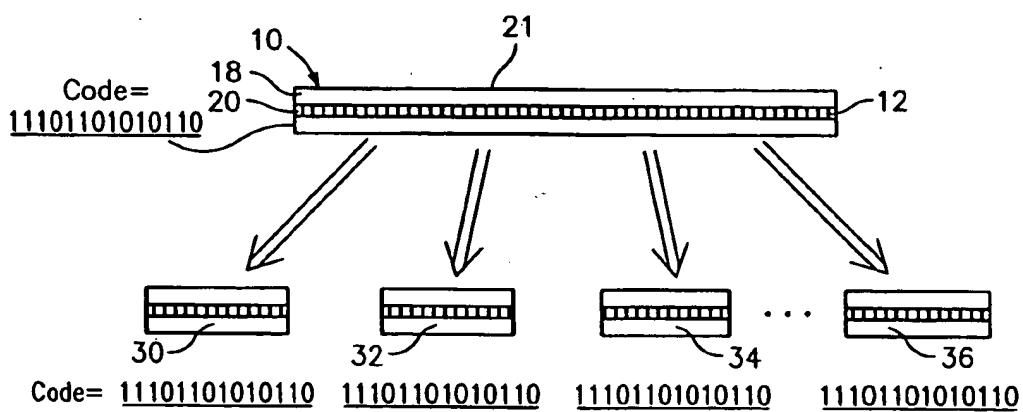
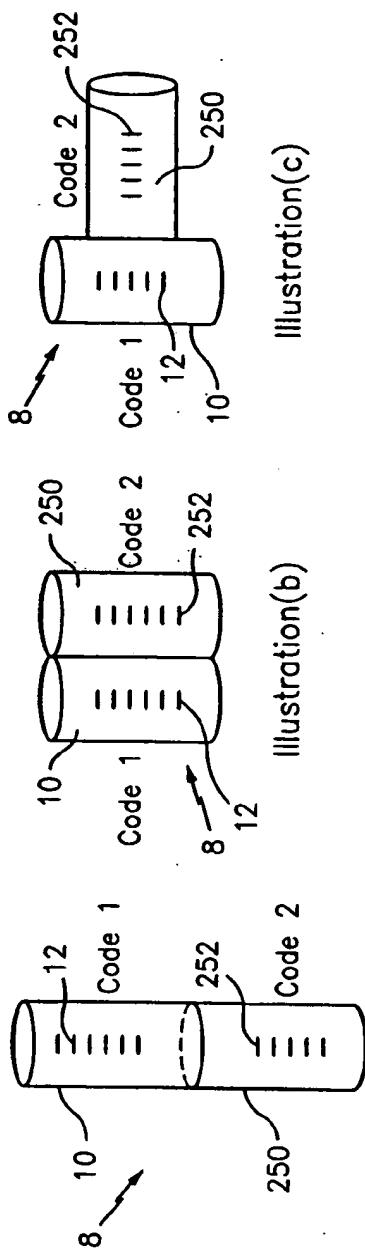


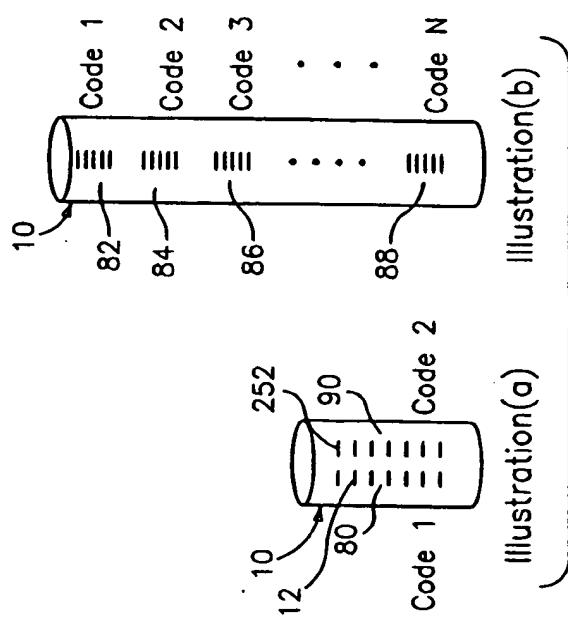
FIG. 27



### Illustration(c)

### Illustration(b)

### Illustration(a)



## Illustration(a) Illustration(b)

FIG. 30

FIG. 29

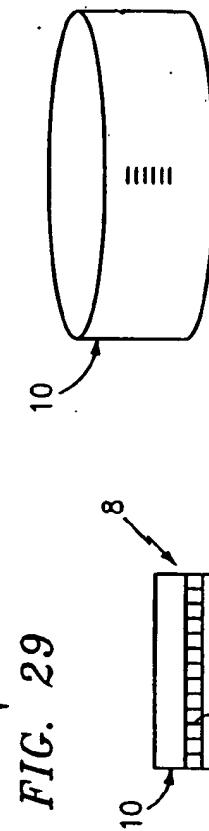


FIG. 31

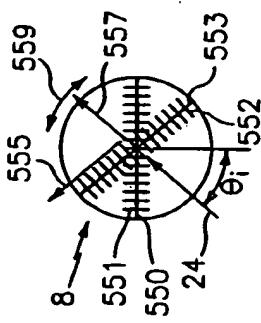
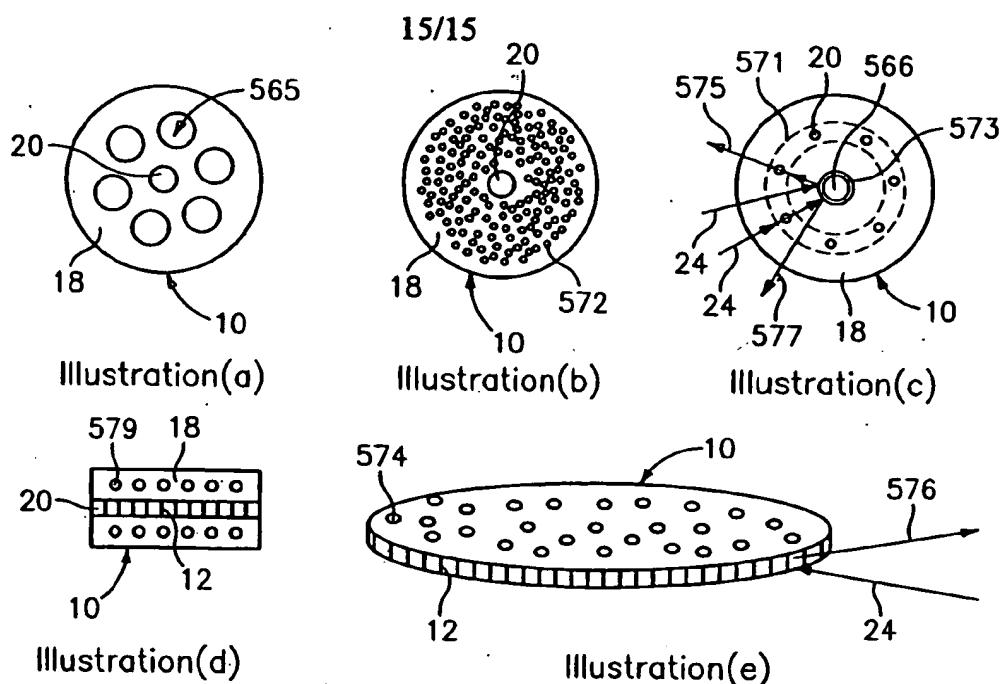


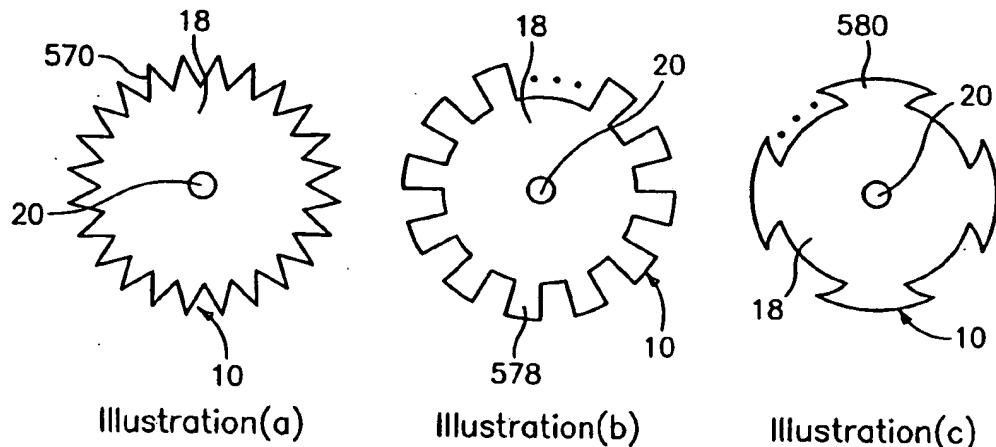
FIG. 32

FIG. 28

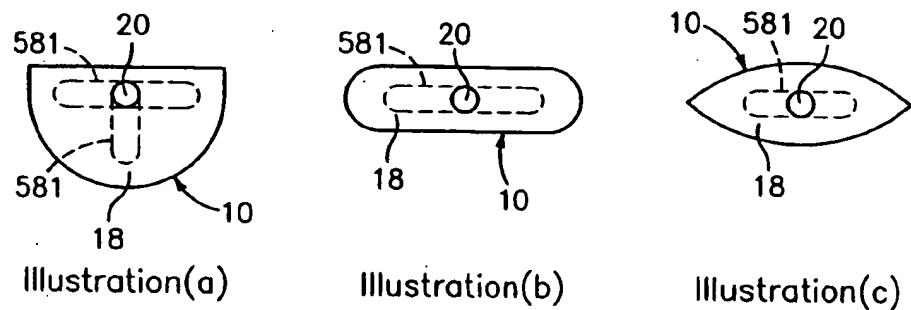
FIG. 30



**FIG. 33**



**FIG. 34**



**FIG. 35**